

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"6255031".pn. or "7381518".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:02
L3	1	2 and (surfactant or surface-active adj agent)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:02
L4	2	"6255031".pn. or "20020127395".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:02
L5	1	3 and (surfactant or surface-active adj agent)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:02
L6	0	4 and (surfactant or surface-active adj agent)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:03
L7	0	(infrared near film) with (surfactant or surface-active adj agent)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:03
L8	0	(infrared adj film) with (surfactant or surface-active adj agent)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:03
L9	304	(infrared adj film)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:03
L10	64	9 and (surfactant or surface-active adj agent)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:04
L11	3	9 and ( dye with (surfactant or surface-active adj agent))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:04
L12	45	9 and ( dye and (surfactant or surface-active adj agent))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:05

L17	28	12 and @pd< "20040811"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:05
L18	0	"6531230".pn. and HLB	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:10
L19	0	"6531230".pn. and HLB	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/20 07:10
L20	361458	(surfactant or (surface-active adj agent) or (surgace adj active adj agent))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:15
L21	484	(surfactant or (surface-active adj agent) or (surface adj active adj agent)) with (HLB or (hydrophil\$2 adj lipophil\$2 adj balance)) with (mass or percent)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:16
L22	0	9 and 21	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:16
L23	214	film and 21	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:16
L24	32	23 and (infrared)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:16
L25	16	24 and (dye or colorant or (heat adj conversion adj material))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:17
L26	1	25 and @pd< "20040811"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:17
L27	231	9 and @pd< "20040811"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:22
L28	42	10 and @pd< "20040811"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:22

L29	13712	(surfactant or (surface-active adj agent) or (surface adj active adj agent)) with (HLB or (hydrophil\$2 adj lipophil\$2 adj balance))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:23
L30	0	9 and 29	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:23
L31	7122	(film or filter) and 29	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:23
L32	663	31 and infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
L33	256	32 and @pd<"20040811"	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
L34	0	"430" ccls.	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
L35	1341	"430/7.ccls.	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
L36	0	33 and 35	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
L37	182	33 and (absorb\$5)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:25
L38	127	37 and (substrate or support)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:25
L39	17	37 and (transparent with (substrate or support))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:25
S1	156	(film) and (dye) and infrared and (surfactant with (HLB)) and (mass or weight or percentage) and (resin or binder) and substrate	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:18

S2	2	S1 and (absorption adj film)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:20
S3	107	S1 and (absorption)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:24
S4	33987	(silicone or fluorine) with (surfactant or (surface adj active adj agent))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:25
S5	1	(silicone or fluorine) with (diimmonium adj salt) with (surfactant or (surface adj active adj agent))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:25
S6	0	(silicone or fluorine) with (dimmonium adj salt) with (surfactant or (surface adj active adj agent))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:26
S7	89	(silicone or fluorine) with (surfactant or (surface adj active adj agent)) and diimmonium	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:26
S8	89	S4 and S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:26
S9	5	S8 and (transparent adj (film or support or substrate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:27
S10	2	S1 and S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:33
S11	82	S1 and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:34
S12	18	S11 and (transparent adj (film or support or substrate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:34
S13	304	(absorption adj film) with infrared	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:50
S14	3	S13 and ((surfactant or (surface adj active adj agent)) with HLB)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:50

S15	1	("2002127395") or ("6255031").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/09 15:54
S16	2	("20020127395") or ("6255031").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/09 15:54
S17	1	("20060257760").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/09 16:33
S18	0	("L17and(substratewithresin)").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/09 16:33
S19	1	S17 and (substrate with resin)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 16:33
S20	5283	(absorption or absorbing) adj film	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 17:48
S21	274	S20 and (infrared) and solvent and ketone	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 17:49
S22	2169	solvent with ketone with (concentration or mass)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 17:49
S23	6	S21 and S22	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 17:49
S24	0	(film) with ((remain%3) adj (solvent or solution)) with (mass or concentration) and infrared	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 18:06
S25	41	(film) with ((remain\$3) adj (solvent or solution)) with (mass or concentration) and infrared	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 18:06

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